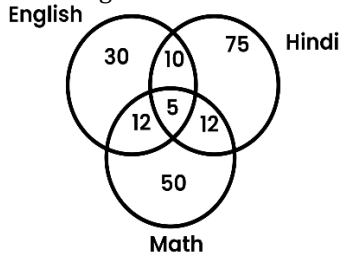


21st May 2023 (Shift - 1)

- Q1. Choose the one which is different from the rest three.
 (a) 431 (b) 162
 (c) 831 (d) 232
- Q2. The area of a circle is numerically equal to its circumference. Find the diameter of the circle.
 (a) 2 unit (b) 4 unit
 (c) 1 unit (d) 5 unit
- Q3. Which of the following players didn't receive Medal in Tokyo Olympics 2020?
 (a) PV Sindhu (b) Neeraj Chopra
 (c) Abhinav Bindra (d) Ravi Kumar Dahiya
- Q4. Find the angle traced by hour hand of a correct clock between 7 pm 0 clock and 2 am 0 clock.
 (a) 200° (b) 210°
 (c) 310° (d) 290°

- Q5. Consider the Diagram:



500 Candidates appeared in an Examination comprising test in English, Hindi and Maths. The Diagram gives number of students who failed in different tests. What is the % percentage of student who failed at least two subjects?

- (a) 6.8% (b) 7.8%
 (c) 1.0% (d) 0.078%
- Q6. A railway half-ticket costs half the full ticket. However, the reservation charge for all the tickets is constant. One full reserved ticket for a journey is 525. If the cost of one full and one half reserved ticket for the same journey is 850, then what is the reservation charge per ticket?
 (a) 120 (b) 150
 (c) 125 (d) 115
- Q7. A and B can do a work in 9 days and 12 days respectively. If they work on alternate days starting with A. then in how many days will the work be completed?
 (a) 36 days (b) 10 days
 (c) $10\frac{1}{4}$ days (d) 13 days
- Q8. Match List I with List II.

LIST I River	LIST II City
A. Mahanadi	I. Ludhiana
B. Godavari	II. Cuttack
C. Sutlej	III Lucknow

D. Gomti	IV. Nasik
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Choose the most appropriate answer from the options given below:

- (a) A-II, B-IV, C-III, D-I (b) A-II, B-IV, C-I, D-III
 (c) A-IV, B-II, C-I, D-III (d) A-III, B-I, C-II, D-IV

- Q9. Match List I with List II.

LIST I Diseases	LIST II Deficiency
A. Insulin	I. Kwashiorkor
B. Protein	II. Scurvy
C. Thyroxin	III. Diabetes
D. Vitamin C	IV. Goitre

Choose the correct answer from the options given below:

- (a) A-III, B-I, C-IV, D-II (b) A-I, B-III, C-IV, D-II
 (c) A-II, B-I, C-IV, D-III (d) A-IV, B-III, C-II, D-I

- Q10. Major is related to Lieutenant in the same way as 'Squadron Leader is Related to ____?

- (a) Pilot officer (b) Flying Attendant
 (c) Group captain (d) Flying officer

- Q11. Match List I with List II

LIST I	LIST II
A. Blue Revolution	I. Increase in crop yield and Agricultural Products
B. White Revolution	II. Increase in Oil-Seeds Production
C. Yellow Revolution	III. Increase of Fish Production
D. Green Revolution	IV. Increase in the field of milk production

Choose the most appropriate answer from the options given below:

- (a) A-IV, B-III, C-II, D-I
 (b) A-III, B-IV, C-II, D-I
 (c) A-I, B-III, C-II, D-IV
 (d) A-III, B-I, C-II, I-IV

- Q12. Major Constituent of natural gas is _____.

- (a) Propane
 (b) Butane
 (c) Methane
 (d) Carbon

- Q13. How many terms are there in the A.P. 3, 7, 11,, 407?

- (a) 100 (b) 101
 (c) 99 (d) 102

- Q14. Which of the following is a metal?

- (a) Carbon (b) Mercury
 (c) Sulphur (d) Iodine

General Test - Previous Year Papers

Q15. X got 98 marks in his exam which is 56% of the total marks. What is the maximum marks of the exam?

- (a) 150 (b) 175
(c) 200 (d) 225

Q16. Match List I with List II.

LIST I Diet deficiency	LIST II Disease
A. Deficiency of Vitamin B	I. Anaemia
B. Deficiency of Vitamin A	II. Beri-Beri
C. Deficiency of Iron	III. Goitre
D. Deficiency of Iodine	IV. Night blindness

Choose the most appropriate answer from the options given below:

- (a) A-IV, B-II, C-III, D-I (b) A-II, B-IV, C-I, D-III
(c) A-I, B-II, C-IV, D-II (d) A-III, B-I, C-II, D-IV

Q17. Match List I with List II

LIST I Scientists	LIST II Discoveries
A. Har Gobind Khorana	I. Discovery of Zero
B. CV Raman	II. Genetic composition of cell
C. Jagdish Chandra Bose	III. Scattering of light
D. Aryabhata	IV. Measurement of plant growth

Choose the most appropriate answer from the options given below:

- (a) A-II, B-III, C-I, D-IV (b) A-III, B-II, C-IV, D-I
(c) A-II, B-III, C-IV, D-I (d) A-I, B-III, C-II, D-IV

Q18. Statement I: Constitution is the framework for the governance of a country which delegates power and authority to the executive, legislative and judiciary.

Statement II: It serves a country in maintaining good relationships with her neighbouring countries.

In the light of the above statements, choose the most appropriate answer from the options below:

- (a) Both Statement I and Statement II are correct
(b) Both Statement I and Statement II are incorrect
(c) Statement I is correct but Statement II is incorrect
(d) Statement I is incorrect but Statement II is correct

Q19. Which of the following speeds is the least?

- (a) 50 meter/second
(b) 50 meter/minute
(c) 70 km/hour
(d) 5 km/minute

Q20. Which of the following is not a 'state'?

- (a) Nagaland (b) Manipur
(c) Ladakh (d) Meghalaya

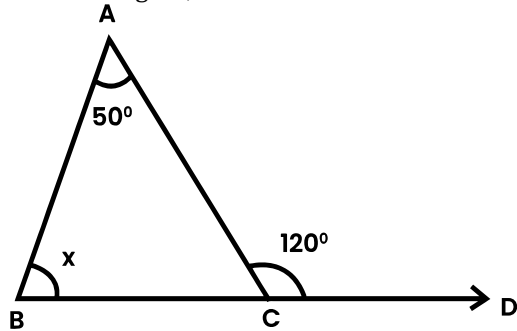
Q21. In a row of 40 children. A is 13th from the left end and B is ninth from the right end. How many children are there between A and B if C is fourth to the left of B.

- (a) 13 (b) 14
(c) 15 (d) 16

Q22. Find the perimeter of a rhombus whose one diagonal is 16 cm long and area is 240 cm².

- (a) 68 cm (b) 30 cm
(c) 24 cm (d) 36 cm

Q23. From the figure, what is the value of x?



- (a) 50° (b) 120°
(c) 60° (d) 70°

Q24. If today is Saturday, then what will be the day on 363rd day?

- (a) Sunday (b) Monday
(c) Thursday (d) Friday

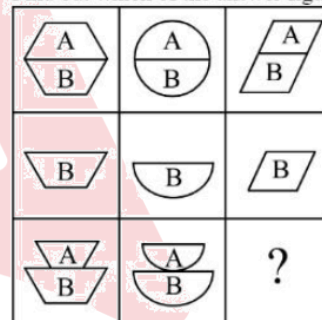
Q25. Arrange the following in meaningful sequence:

- A. Key B. Door
C. Lock D. Room

Choose the most appropriate answer from the options given below:

- (a) A, C, B, D (b) D, C, A, B
(c) B, A, D, C (d) C, B, D, A

Q26. Find out which of the answer figures (a), (b), (c) and (d) completed the figure matrix?



- (a)
- (b)
- (c)
- (d)

Q27. Find the next term in the alpha-numeric series D4T, F9R, H20P, J43N.

- (a) L 90 M (b) N 90 N
(c) L 90 L (d) J90 L

General Test - Previous Year Papers

Q28. If the median of $\frac{x}{5}, x, \frac{x}{4}, \frac{x}{2}$ and $\frac{x}{3}$ (where $x > 0$) is 8, then the value of x will be
 (a) 24 (b) 32
 (c) 8 (d) 16

Q29. Match List I with List II

LIST I Books	LIST II Authors
A. India Wins Freedom	I. RK Narayan
B. The Guide	II. Mahatma Gandhi
C. India from Midnight to Millenium	III. Abdul Kalam Azad
D. Conquest of Self	IV. Shashi Tharoor

Choose the most appropriate answer from the options given below:
 (a) A-I, B-III, C-IV, D-II (b) A-III, B-I, C-IV, D-II
 (c) A-III, B-I, C-II, D-IV (d) A-I, B-IV, C-II, D-III

Q30. Which book is written by Dr. S. Radhakrishnan?
 (a) The world's largest democracy
 (b) India divided
 (c) Indian Philosophy
 (d) India Priceless heritage

Q31. A is 3 years younger than C but one year older than D. D is one year older than B but 4 years younger than C. Cis 15 years old. What is the age of B in years
 (a) 13 (b) 12
 (c) 11 (d) 10

Q32. A man walks 2 km towards East and then he turns to South and walks 6 km. Again, he turns to East and walks 4 km, after this he turns to North and walk 14 km. How far is he from his starting point?
 (a) 10 km (b) 15 km
 (c) 20 km (d) 25 km

Q33. A bag contains 5 black, 3 white and 2 red balls. Three balls are drawn in succession. What is the probability that the first ball is red, the second ball is black and the third ball is white?
 (a) $\frac{1}{24}$ (b) $\frac{3}{10}$
 (c) $\frac{1}{10}$ (d) $\frac{1}{2}$

Q34. What is the smallest square number which is divisible by 4, 6 and 32?
 (a) 100 (b) 196
 (c) 96 (d) 576

Q35. Match List I with List II

LIST I Movement	LIST II Purpose
A. Quit India Movement	I. To achieve self-Government in India of demand for large political representation
B. Civil Disobedience Movement	II. Compelled British's to leave India

C. Non-Cooperation Movement	III. Refusal to obey certain laws orders or the Commands of the Government
D. Home rule league Movement	IV. Indians resigning their title boycotting foreign goods and Government institutions refused to pay taxes

Choose the most appropriate answer from the options given below:
 (a) A-I, B-III, C-II, D-IV (b) A-II, B-III, C-I, D-IV
 (c) A-III, B-II, C-IV, D-I (d) A-II, B-III, C-IV, D-I

Q36. The only Indian who received noble prize in literature is:
 (a) Bankim Chandra Chatterjee
 (b) Toru Dutt
 (c) R.K. Narayan
 (d) Rabindranath Tagore

Q37. Match List I with List II Cities with their nicknames

List - I Cities	List -II Nickname
(A) Nagpur	(III) Diamond City
(B) Surat	(I) Pink City
(C) Jaisalmer	(IV) Orange City
(D) Jaipur	(II) Golden City

Choose the most appropriate answer from the options given
 (a) A-III, B-I, C-IV, D-II (b) A-I, B-III, C-IV, D-II
 (c) A-III, B-I, C-II, D-IV (d) A-II, B-I, C-III, D-IV

Q38. Which of the following is not the satellite launched by India?
 (a) Explorer (b) APPLE
 (c) Bhaskar (d) INSAT

Q39. If the 2nd half of the letters of the word INTERMEDIATE is reversed and placed before 1st half of the letters, which letter will be 2nd to the right of 10th letter from the right?
 (a) A (b) D
 (c) E (d) I

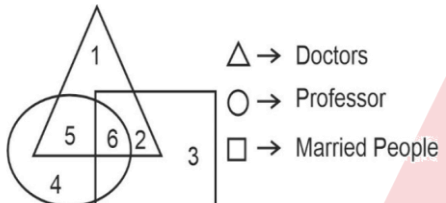
Q40. Find the angle of elevation of the Sun when the length of the shadow of a tree is $\frac{1}{\sqrt{3}}$ times the height of the tree.
 (a) 30° (b) 45°
 (c) 60° (d) 90°

Q41. The point (-2, 3) lies in which quadrant?
 (a) I (b) II
 (c) III (d) IV

Q42. The ratio of ages of 2 boys is 3:7. After 2 years, the ratio of their ages will become 5:9. The ratio of their ages after 10 years will be
 (a) 15:16 (b) 5:17
 (c) 17:18 (d) 13:17

Q43. Who won the Noble Prize for in the field of "physiology or medicine"?
 (a) C.V. Raman
 (b) Jagdish Chandra Bose

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- (c) Homi Jehangir Bhabha
(d) Har Gobind Khorana
- Q44.** What is the probability that any non-leap year will have 53 Sundays?
(a) 1/53 (b) 2/53
(c) 1/7 (d) 2/7
- Q45.** In a class boys stand in a single line. One of the boys is seventeenth in order from both the ends. How many boys are in the class?
(a)34 (b)33
(c)32 (d)27
- Q46.** What sum of money will amount to Rs. 520 in 5 years and to Rs. 568 in 7 years on simple interest?
(a) Rs. 400 (b) Rs. 120
(c) Rs. 510 (d) Rs. 220
- Q47.** The minimum number of colours required to paint all sides of a cube that no two adjacent faces may have the same colour is.
(a) 5 (b) 4
(c) 3 (d) 6
- Q48.** Bhoodan-Gram Dan Movement was initiated by:
(a) Mahatma Gandhi
(b) Vinoba Bhave
(c) Shri Ram Chandra Reddy
(d) Sardar Patel
- Q49.** In the figure, which Number indicate doctors who are not married and are not professors
- 

△ → Doctors
○ → Professor
□ → Married People
- (a) 2 (b) 4
(c) 1 (d) 6
- Q50.** The relationship between the values of a country's imports and its exports is called.
(a) Balance of Trade
(b) Balance of Payment
(c) Balance of currency
(d) Bill of exchange
- Q51. Statements:**
I. Some cars are black
II. Some Lions are cars
Conclusions:
I. Some blacks are Lions
II. No black is Lion
(a) Only I follow (b) Only II follow
(c) Either I or II follows (d) None follows
- Q52.** The average of 12 numbers is 15 and the average of the first two numbers is 14. What is the average of the remaining numbers?
(a)15 (b)15.2
(c)14 (d) 14.2
- Q53.** Find a single equivalent increase if the number is successively increased by 20%, 25% and 30%?
(a)75% (b)85%
(c)95% (d)35%

Q54. Match List I with List II

List - I Physical Quantity		List -II Units	
(A)	Electric charge	(III)	Newton
(B)	Force	(I)	Coulamb
(C)	Power	(IV)	Joule
(D)	Energy	(II)	Watt

Choose the most appropriate answer from the options given below:

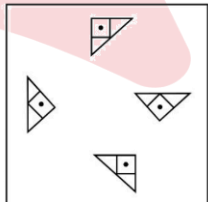
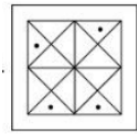
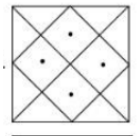
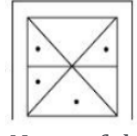
- (a) A-I, B-II, C-IV, D-III (b) A-II, B-I, C-IV, D-III
(c) A-II, B-IV, C-I, D-III (d) A-III, B-II, C-IV, D-I
- Q55.** When seen through a mirror, a clock shows 3:30. What is the correct time.
(a)2:30 (b) 8:30
(c) 5:30 (d) 4:30
- Q56.** If the word 'LEADER' is coded as 20-13-9-12-13-26. How would you write "LIGHT"
(a)20-16-15-17-22 (b) 20-17-15-16-28
(c) 20-15-16-18-23 (d) 20-16-17-15-27
- Q57.** Here are some words translated from an artificial language
Holo polo means base ball
Moto prot means my India
Prot shot means India won
Which word could be mean "All India Radio"
(a) Holo polo prot (b) Kud prot nid
(c) Prot polo nid (d) Polo nid prot
- Q58.** If selling price of 80 articles is equal to the cost price of 100 articles, then find the gain percentage.
(a)30% (b)25%
(c)40% (d)50%
- Q59.** Find the angle of elevation of the Sun, when the length of the shadow of a tree is $\frac{1}{\sqrt{3}}$ times the height of tree.
(a) 30° (b) 45°
(c) 60° (d) 90°
- Q60.** Find out which of the figures out of given option can be formed from the pieces given in fig (x).
- 

Fig X

(a)


(b)


(c)


(d) None of these